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SEQUENCE LISTING

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Vener, Tatiana

<120> Nucleic Acid Accessible Hybridization Sites

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<141> 2001-06-15

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<170> PatentIn version 3.0

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cccgtgtcg gggttgacct acaagcgccg actgtcggcg ctggggccct 110

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<400> 97
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<210> 102 <211> 87 <212> DNA <213> Artificial <220> <223> Synthetic

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 cccgctgtcg gggttgaccc acaagct 87

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<220> <221> misc_feature <222> (9)..(10) <223> The residues at these
 positions are spacers with abasic sugar lab
 els.

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<400> 110
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<400> 111
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<210> 112 <211> 17 <212> DNA <213> Artificial <220> <223> Synthetic

<400> 112
 gctcacgata ccccgac 17

<210> 113 <211> 18 <212> DNA <213> Artificial <220> <223> Synthetic

<400> 113
 tgctcacgat accccgac 18

<210> 114 <211> 18 <212> DNA <213> Artificial <220> <223> Synthetic

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tgggcgttgc ttgtgg									16
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<210> 125 <211> 16 <212> DNA <213> Artificial <220> <223> Synthetic
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 catttttccaa ccttaa 16

<210> 126 <211> 14 <212> DNA <213> Artificial <220> <223> Synthetic
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 taaggttagga ctac 14

<210> 127 <211> 16 <212> DNA <213> Artificial <220> <223> Synthetic
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<210> 128 <211> 18 <212> DNA <213> Artificial <220> <223> Synthetic
 <220> <221> misc_feature <222> (15)..(18) <223> The residue at this
 position can be any nucleotide.
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<210> 129 <211> 20 <212> DNA <213> Artificial <220> <223> Synthetic
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 position can be any nucleotide.
 <400> 129
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<210> 130 <211> 22 <212> DNA <213> Artificial <220> <223> Synthetic
 <220> <221> misc_feature <222> (15)..(22) <223> The residue at this
 position can be any nucleotide.
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<210> 131 <211> 24 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (15)..(24) <223> The residue at this position can be any nucleotide.

<400> 131
taaggttagga ctacnnnnnn nnnn 24

<210> 132 <211> 26 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (15)..(26) <223> The residue at this position can be any nucleotide.

<400> 132
taaggttagga ctacnnnnnn nnnnnn 26

<210> 133 <211> 30 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (15)..(30) <223> The residue at this position can be any nucleotide.

<400> 133
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<210> 134 <211> 14 <212> DNA <213> Artificial <220> <223> Synthetic

<400> 134
ttttccaacc ttaa 14

<210> 135 <211> 22 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (15)..(22) <223> The residue at this position can be any nucleotide.

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<220> <221> misc_feature <222> (15)..(26) <223> The residue at this position can be any nucleotide.

<400> 136
ttttccaacc ttaannnnnn nnnnnn 26

<210> 137 <211> 14 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (1)..(14) <223> The residues in these positions are 2'-O-methyl nucleotides.

<400> 137
gtagtcctac cttta 14

<210> 138 <211> 14 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (1)..(14) <223> The residues in these positions are 2'-O-methyl nucleotides.

<400> 138
ttaaggttg aaaa 14

<210> 139 <211> 24 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (15)..(24) <223> The residue at this position can be any nucleotide.

<400> 139
ttttccaacc ttaannnnnn nnnn 24

<210> 140 <211> 21 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (1)..(1) <223> The residue at this 5' end has a tetrachlorofluorescein label.

<400> 140
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<210> 141 <211> 987 <212> RNA <213> Artificial <220> <223> Synthetic

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gaaacgauga aaauacaag uuauaucuug gcuuuucagc ucugcaucgu uuuggguucu 180
cuuggcuguu acugccagga ccuauaugua caagaagcag aaaaccuuua gaaauuuuu 240
aaugcagguc auucagaugu agcggauaau ggaacucuuu ucuuaggcau uuugaagaau 300
uggaaagagg agagugacag aaaaauaauug cagagccaaa uugucuccuu uuacuucaaa 360
cuuuuuuuuuu acuuuuuaga ugaccagagc auccaaaaga guguggagac caucaaggaa 420
gacaugaauug ucaaguuuuu caauagcaac aaaaagaaac gagaugacuu cgaaaagcug 480
acuaauuuuuu cgguaacuga cuugaauguc caacgcaaag cauacauga acucauccaa 540
gugauggcug aacugucgcc agcagcuaaa acagggaagc gaaaaaggag ucagaugcug 600
uuucgagguc gaagagcauc ccaguaaugg uuguccugcc uacaauuuu gaauuuuuuu 660
ucuaaaucua uuuaauuaa uuuaacauua uuuaauuggg gaauauuuu uuagacucau 720
caucaaaua aguauuuuaa auagcaacuu uuguguaaug aaaaugaaua ucuauuaaua 780

uauguauuau uuauaaauucc uauauuccugu gacugucuca cuuaauccuu uguuuucuga 840
 cuaauuaggc aaggcuaugu gauuacaagg cuuuauucuca ggggccaacu aggcagccaa 900
 ccuaagcaag aucccauggg uuguguguuu auuucacuug augauacaau gaacacuuau 960
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<210> 143 <211> 589 <212> RNA <213> Oryctolagus cuniculus

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 aaguuggugg ugaggcccug ggcaggcugc ugguugucua cccauggacc cagagguucu 180
 ucgaguccuu uggggaccug uccucugcaa augcuguuau gaacaauccu aaggugaagg 240
 cucauggcaa gaaggugcug gcugccuua gugagggucu gaguaccug gacaaccuca 300
 aaggcaccuu ugcuaagcug agugaacugc acugugacaa gcugcacgug gauccugaga 360
 acuucaggcu ccugggcaac gugcugguua uugugcuguc ucaucauuuu ggcaaagaau 420
 ucacuccuca ggugcaggcu gccuaucaaga aggugguggc ugguguggcc aaugcccugg 480
 cucacaaaaua ccacugagau cuuuuucccu cugccaaaaa uuauggggac aucaugaagc 540
 cccuugagca ucugacuucu ggcuaauaaa ggaaauuuau uuucauugc 589

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 ccaggacctg gcaatgccca gacatctgtg tccccctcaa agtcatect gccccgggga 180
 ggctccgtgc tggtagatg cagcacctcc tgtgaccagc ccaagttgtt gggcatagag 240
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<210> 154 <211> 74 <212> DNA <213> Artificial <220> <223> Synthetic

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<210> 156 <211> 16 <212> DNA <213> Artificial <220> <223> Synthetic

<400> 156
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<210> 157 <211> 20 <212> DNA <213> Artificial <220> <223> Synthetic

<400> 157
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<210> 158 <211> 1621 <212> RNA <213> Human immunodeficiency virus

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gccuguuaga	aacaucagaa	ggcuguagac	aaauacuggg	acagcuacaa	ccaucuccu	540
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acaaaagua	gaaaaaagca	cagcaagcag	cagcugacac	aggacacagc	aaucagguca	720
gccaaaaua	cccuauagug	cagaacaucc	aggggcaau	gguacaucag	gccauaucac	780
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ggaugacaaa	uaauccaccu	aucccaguag	gagaaauua	uaaaagau	auaauccugg	1140
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uuguuaagug	uuucaauugu	ggcaaagaag	ggcacacagc	cagaaauugc	agggccccua	1560
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g						1621

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aagcaggggc aaggccaug gacauaucaa auuuaucaag agccauuuua aaucugaaa	300
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auuccugagu gggaguugu uaauaccccu ccuuaguga auuauggua ccaguuagag	540
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gacacaacaa aucagaagac ugaguuaaca gcauuuauuc uagcuuugca ggauucggga	720
uuagaagua acauaguaac agacucacaa uaugcauuag gaaucauua agcacaacca	780
gaucaaagug aaucagagu agucaaucaa auauagagc aguuaauaaa aaaggaaaag	840
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acuucuuccc uaguuguggc augaagagg accugaggug ggcccuuagu gugacggaga 660
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 aacgacuaga uggcaguggg uauuguaagg aaugcaguu uucugcagu gcuaaaggua 300
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